



MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Hazard Tracking Number: **YBY-27C-023//ORION**

Sample Name: FX-19593-53

Synonyms: Vinyl Acetate - Ethylene (VAE) Emulsions

Air Products and Chemicals, Inc., 7201 Hamilton Blvd., Allentown, PA, 18195-1501

Emergency Phone: 800-523-9374 (USA, Canada, Puerto Rico)

610-481-7711 (all other areas)

Issue Date: 14 February 2001

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component Name</u>	<u>CAS #</u>	<u>Concentration (%)</u>	<u>Exposure Limits</u>
Vinyl acetate - Ethylene Copolymer	Not Established	>40%	NA
Water	7732-18-5	< 60%	NA

3. HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

Appearance and odor: White to off-white aqueous emulsion

Hazards: This Material is Experimental and We Do Not Understand All Hazards

Potential Health Effects:

Eye: Product may be mildly irritating to eyes

Skin: Contact with skin is not expected to cause any discernible health effects

Ingestion: ND

Inhalation: ND

Chronic effects/carcinogenicity: ND

NA = Not Applicable ND = No Data Available

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4. FIRST-AID MEASURES

Eye: Immediately flush eyes with water for at least 15 minutes

Skin: Wash affected area with soap and water

Ingestion: None

Inhalation: None

5. FIRE FIGHTING MEASURES

Flashpoint: NA

Method: NA

Flammable limits in air: LFL: NA

UFL: NA

Fire hazard classification (OSHA/NFPA): NA

Autoignition temperature: NA

Fire and explosion hazards: Product will burn if involved in a fire. Treat as a Class A fire

Extinguishing media: Water spray

Special firefighting procedures: None

Hazardous products of combustion: None

6. ACCIDENTAL RELEASE MEASURES

Containment techniques: NA

Clean-up procedures: Shovel spilled chemical product into empty, dry container for later disposal or recovery. Flush area with water spray.

Other emergency advice: Surfaces subject to spills with this product can become slippery when wet.

Environmental effects: ND

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7. HANDLING AND STORAGE

Handling:

Storage: Keep in cool, dry, ventilated storage and in closed containers
Keep from freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: No specific controls needed

Personal Protective Equipment:

Respiratory Protection: Not required under normal conditions. Moderate eye irritant.

Eye/Face Protection: Chemical safety goggles

Skin Protection: Not required under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance: white

Odor: Odorless

pH: 2-7 aqueous solution

Vapor pressure (mm Hg): NA

Vapor density (air = 1): NA

Boiling point: NA

Freezing/melting point: NA

Solubility in water: Dispersible

Specific gravity (water = 1): ND

Evaporation rate (butyl acetate = 1): NA

Viscosity (CPS): Available upon request

% volatile: ND

Particle size: ND

10. STABILITY AND REACTIVITY

Chemical stability: Stable

Conditions to avoid: NA

Incompatibility: Oxidizing agents

Hazardous decomposition products: Irritating and toxic fumes at elevated temperatures

Hazardous polymerization: Will not occur

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11. TOXICOLOGICAL INFORMATION

Acute data: ND

Chronic/carcinogenicity/mutagenicity data: ND

12. ECOLOGICAL INFORMATION

Ecotoxicity: ND

Environmental fate: ND

13. DISPOSAL CONSIDERATIONS

Dispose of as a non-hazardous liquid waste. Dispose of in an approved landfill if allowed locally. Comply with all Federal, State, and Local Regulations. Chemical and/or biological degradation is feasible.

14. TRANSPORTATION INFORMATION

DOT shipping name: ND

IATA shipping name: ND

15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA) inventory status (8b):

TSCA export notification requirements (12b): FOR R&D PURPOSES ONLY

EPA SARA Title III Section 313 toxic chemicals above "de minimis" levels are: ND

Proposition 65 listed substance(s) known to the state of California to cause: cancer:

NA

reproductive effects: ND

16. OTHER INFORMATION

NA = Not Applicable

ND = No Data Available